

**Innovation, Energy and Mines**

Petroleum Branch

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www.manitoba.ca**WEEKLY WELL ACTIVITY REPORT****PETROLEUM INDUSTRY ACTIVITY REPORT**

(January 1/12 – February 21/12)

<u>DRILLING ACTIVITY</u>	To February 21/12	To February 22/11	2011 Total
Drilling Licences Issued	131	125	672
Licences Cancelled	1	0	55
Vertical Wells Drilled	10	5	42
Horizontal Wells Drilled	125	106	536
Stratigraphic Test Holes Drilled	0	0	0
Wells Drilled - Total	135	111	578
No. of Metres Drilled	254 847	207 203	1 068 753
Wells Re-entered	0	1	7
Wells Being Drilled	10	16	0
No. of Active Rigs	19	21	0
Wells Licensed but Not Spudded	135	139	144
Wells Completed as Potential Oil Wells	132	104	559
Wells Abandoned Dry	1	4	14
Wells Drilled but Not Completed	1	0	0
Other Completions	1	3	7
New Wells on Production	0	12	284

GEOPHYSICAL ACTIVITY

Geophysical Programs Licensed	8	4	19
Licences Cancelled	0	0	0
Kilometers Licensed	567	840	4 815
Kilometers Run	131	0	1 422

OIL PRICES (Average) \$/m3 (\$/bbl) \$/m3 (\$/bbl)

Month of December	616.95 (98.04)/2011	536.67 (85.28)/2010
Month of January	608.90 (96.76)/2012	518.20 (82.35)/2011

OIL PRODUCTION (M3) 2011 2010

Month of May	182 535.9	148 154.5
Cumulative Thru May 31	977 780.4	738 188.4

WEEKLY WELL ACTIVITY REPORT

21 February 2012

Lic. No.: 1027 North Virden Scallion Unit No. 1 16-15-11-26 (WPM)

UWI: 100.16-15-011-26W1.00

Status: Abandoned Producer (ABD P)
Abandoned Producer: 09-Aug-2011

Lic. No.: 7721 Enerplus Virden Prov. A9-30-10-25 (WPM)

UWI: 102.09-30-010-25W1.00

Please note UWI and well name change
(Licenced as horizontal well to 10-29 partially drilled vertical portion only)

Lic. No.: 7961 Tundra Daly Sinclair HZNTL 8-25-10-29 (WPM)

UWI: 102.08-25-010-29W1.00

Status: Completing (COMP)
Completing: 21-Feb-2012

Lic. No.: 8040 Waskada LAm Unit No. 1 HZNTL 15-25-1-26 (WPM)

UWI: 103.15-25-001-26W1.00

Revision to Report of: 06-Jun-2011
Contractor: Patterson UTI Drilling Canada Ltd. – Rig# 18Spud Date: 17-Feb-2012
K.B. Elevation: 472.40 m
Surface Casing: 219.10 mm @ 172.00 m with 10.0 t
Status: Drilling Ahead (DR)
Drilling Ahead: 21-Feb-2012

Lic. No.: 8192 Reliable South Kirkella HZNTL 5-5-11-29 (WPM)

UWI: 100.05-05-011-29W1.00

Intermediate Casing: Run
Finished Drilling: 19-Feb-2012
Total Depth: 2322.00 m
Rig Released: 20-Feb-2012
Status: Waiting On Service Rig (WOSR)
Waiting On Service Rig: 20-Feb-2012

Lic. No.: 8225

Tundra Daly Sinclair HZNTL 2-21-7-29 (WPM)
UWI: 100.02-21-007-29W1.00

Revision to Report of: 19-Sep-2011
Contractor: Trinidad Drilling Ltd. – Rig# 65

Spud Date: 19-Feb-2012
K.B. Elevation: 521.77 m
Surface Casing: 244.50 mm @ 139.00 m with 15.0 t
Status: Drilling Ahead (DR)
Drilling Ahead: 21-Feb-2012

Lic. No.: 8419

EOG Pierson Prov. HZNTL 6-29-2-29 (WPM)
UWI: 102.06-29-002-29W1.00

Main Hole Commenced: 16-Feb-2012
K.B. Elevation: 483.13 m
Intermediate Casing: 139.70 mm @ 1788.00 m with 45.0 t
Finished Drilling: 18-Feb-2012
Total Depth: 1788.00 m
Rig Released: 19-Feb-2012
Status: Waiting On Service Rig (WOSR)
Waiting On Service Rig: 19-Feb-2012

Lic. No.: 8429

Waskada Unit No. 2 HZNTL A3-26-1-26 (WPM)
UWI: 103.03-26-001-26W1.00

Status: Completing (COMP)
Completing: 19-Feb-2012

Lic. No.: 8430

Waskada Unit No. 2 HZNTL B3-26-1-26 (WPM)
UWI: 104.03-26-001-26W1.00

Intermediate Casing: 139.70 mm @ 1803.00 m with 43.3 t
Finished Drilling: 14-Feb-2012
Total Depth: 1803.00 m
Rig Released: 15-Feb-2012
Status: Completing (COMP)
Completing: 19-Feb-2012

Lic. No.: 8431

Waskada Unit No. 2 HZNTL C6-26-1-26 (WPM)
UWI: 105.06-26-001-26W1.00

Status: Completing (COMP)
Completing: 19-Feb-2012

Lic. No.: 8445

Tundra Daly Sinclair HZNTL 13-27-10-29 (WPM)
UWI: 102.13-27-010-29W1.00

Status: Completing (COMP)
Completing: 17-Feb-2012

Lic. No.: 8450 EOG Pierson Prov. HZNTL 11-20-2-29 (WPM)
UWI: 100.11-20-002-29W1.00

Status: Moving In Rotary Tools (MIRT)
Moving In Rotary Tools: 21-Feb-2012

Lic. No.: 8456 EOG Coulter HZNTL 10-20-1-27 (WPM)
UWI: 100.10-20-001-27W1.00

Status: Moving In Rotary Tools (MIRT)
Moving In Rotary Tools: 21-Feb-2012

Lic. No.: 8457 EOG Coulter HZNTL 10-20-1-27 (WPM)
UWI: 102.10-20-001-27W1.00

Revision to Report of: 19-Dec-2011
Contractor: Precision Drilling – Rig# 156

Spud Date: 15-Feb-2012
K.B. Elevation: 458.06 m
Surface Casing: 139.70 mm @ 165.80 m with 11.0 t
Intermediate Casing: 139.70 mm @ 1847.00 m with 45.0 t
Finished Drilling: 19-Feb-2012
Total Depth: 1847.00 m
Rig Released: 20-Feb-2012
Status: Waiting On Service Rig (WOSR)
Waiting On Service Rig: 20-Feb-2012

Lic. No.: 8477 Penn West Waskada HZNTL 3-3-2-25 (WPM)
UWI: 102.03-03-002-25W1.00

Revision to Report of: 28-Dec-2011
Contractor: Ensign/Big Sky Drilling – Rig# 612

Spud Date: 14-Feb-2012
K.B. Elevation: 477.50 m
Surface Casing: 219.10 mm @ 165.5 m with 12.0 t
Intermediate Casing: 139.70 mm @ 1680.20 m with 47.0 t
Finished Drilling: 18-Feb-2012
Total Depth: 1680.00 m
Rig Released: 20-Feb-2012
Status: Waiting On Service Rig (WOSR)
Waiting On Service Rig: 20-Feb-2012

Lic. No.: 8478 Penn West Waskada HZNTL 3-3-2-25 (WPM)
UWI: 103.03-03-002-25W1.00

Revision to Report of: 28-Dec-2011
Contractor: Ensign/Big Sky Drilling – Rig# 612

Spud Date: 21-Feb-2012
K.B. Elevation: 477.35 m
Status: Drilling Ahead (DR)
Drilling Ahead: 21-Feb-2012

Lic. No.: 8479	Waskada Unit No. 5 HZNTL 7-3-2-26 (WPM) UWI: 102.07-03-002-26W1.00
	Status: Moving In Rotary Tools (MIRT) Moving In Rotary Tools: 21-Feb-2012
Lic. No.: 8500	Tundra Daly Sinclair HZNTL 16-21-7-28 (WPM) UWI: 100.16-21-007-28W1.00
	Status: Completing (COMP) Completing: 21-Feb-2012
Lic. No.: 8504	EOG Waskada HZNTL 9-28-1-25 (WPM) UWI: 102.09-28-001-25W1.00
	Intermediate Casing: 139.70 mm @ 1666.00 m with 44.0 t Finished Drilling: 15-Feb-2012 Total Depth: 1666.00 m Rig Released: 16-Feb-2012 Status: Waiting On Service Rig (WOSR) Waiting On Service Rig: 16-Feb-2012
Lic. No.: 8509	Tundra et al Daly Sinclair Prov. HZNTL 7-22-10-29 (WPM) UWI: 100.07-22-010-29W1.00
	Intermediate Casing: 139.70 mm @ 2432.00 m with 47.8 t Finished Drilling: 17-Feb-2012 Total Depth: 2432.00 m Rig Released: 19-Feb-2012 Status: Waiting On Service Rig (WOSR) Waiting On Service Rig: 19-Feb-2012
Lic. No.: 8527	EOG Pierson HZNTL 5-17-2-28 (WPM) UWI: 100.05-17-002-28W1.00
	Finished Drilling: 14-Feb-2012 Total Depth: 1831.00 m Rig Released: 15-Feb-2012 Status: Waiting On Service Rig (WOSR) Waiting On Service Rig: 15-Feb-2012
Lic. No.: 8533	CPEC South Kirkella Prov. 3-11-11-29 (WPM) UWI: 100.03-11-011-29W1.00
	Status: Completing (COMP) Completing: 21-Feb-2012

Lic. No.: 8534 Penn West Waskada Prov. HZNTL 9-32-1-25 (WPM)
UWI: 102.09-32-001-25W1.00

Intermediate Casing: 139.70 mm @ 1723.00 m with 54.0 t
Finished Drilling: 12-Feb-2012
Total Depth: 1723.00 m
Rig Released: 14-Feb-2012
Status: Waiting On Service Rig (WOSR)
Waiting On Service Rig: 14-Feb-2012

Lic. No.: 8535 Penn West Waskada Prov. HZNTL A9-32-1-25 (WPM)
UWI: 103.09-32-001-25W1.00

Status: Moving In Rotary Tools (MIRT)
Moving In Rotary Tools: 21-Feb-2012

Lic. No.: 8536 ARC Waskada HZNTL 6-9-1-24 (WPM)
UWI: 102.06-09-001-24W1.00

Intermediate Casing: 139.70 mm @ 1627.00 m with 43.0 t
Finished Drilling: 15-Feb-2012
Total Depth: 1627.00 m
Rig Released: 16-Feb-2012
Status: Waiting On Service Rig (WOSR)
Waiting On Service Rig: 16-Feb-2012

Lic. No.: 8547 Legacy Pierson HZNTL 4-24-1-28 (WPM)
UWI: 100.04-24-001-28W1.00

Revision to Report of: 31-Jan-2012
Contractor: Ensign/Big Sky Drilling – Rig# 650

Spud Date: 18-Feb-2012
K.B. Elevation: 460.18
Surface Casing: 219.10 mm @ 162.00 m with 12.0 t
Status: Drilling Ahead (DR)
Drilling Ahead: 21-Feb-2012

Lic. No.: 8548 Legacy Pierson Prov. HZNTL 16-24-1-28 (WPM)
UWI: 100.16-24-001-28W1.00

Intermediate Casing: 139.70 mm @ 2177.00 m with 48.5 t
Finished Drilling: 17-Feb-2012
Total Depth: 2177.00 m
Rig Released: 19-Feb-2012
Status: Waiting On Service Rig (WOSR)
Waiting On Service Rig: 19-Feb-2012

Lic. No.: 8549	Waskada Unit No.14 HZNTL 8-32-1-25 (WPM) UWI: 104.08-32-001-25W1.00
	Spud Date: 08-Feb-2012 K.B. Elevation: 475.52 m Surface Casing: 219.10 mm @ 171.00 m with 14.0 t Intermediate Casing: 139.70 mm @ 1699.00 m with 50.0 t Finished Drilling: 18-Feb-2012 Total Depth: 1699.00 m Rig Released: 19-Feb-2012 Status: Waiting On Service Rig (WOSR) Waiting On Service Rig: 19-Feb-2012
Lic. No.: 8551	Waskada Unit No. 5 HZNTL 7-3-2-26 (WPM) UWI: 103.07-03-002-26W1.00
	Surface Casing: 219.00 mm @ 167.00 m with 12.0 t Intermediate Casing: 139.70 mm @ 1690.00 m with 39.7 t Finished Drilling: 19-Feb-2012 Total Depth: 1690.00 m Rig Released: 20-Feb-2012 Status: Waiting On Service Rig (WOSR) Waiting On Service Rig: 20-Feb-2012
Lic. No.: 8552	Fort Calgary Willen Prov. HZNTL 7-6-14-28 (WPM) UWI: 100.07-06-014-28W1.02 – Leg# 2
	Finished Drilling: 16-Feb-2012 Total Depth: 2069.00 m UWI: 100.07-06-014-28W1.03 – Leg# 3
	Kick-Off Date: 16-Feb-2012 Kick-Off Point: 1490.00 m Status: Drilling Ahead (DR) Drilling Ahead: 21-Feb-2012
Lic. No.: 8553	Tundra East Manson Prov. HZNTL 1-10-13-28 (WPM) UWI: 100.01-10-013-28W1.00
	Status: Completing (COMP) Completing: 20-Feb-2012
Lic. No.: 8556	Tundra Daly Sinclair Prov. HZNTL 16-29-8-29 (WPM) UWI: 100.16-29-008-29W1.00
	Status: Completing (COMP) Completing: 20-Feb-2012

Lic. No.: 8558 CPEC Elkhorn HZNTL 9-23-11-28 (WPM)
UWI: 100.09-23-011-28W1.00

Spud Date: 14-Feb-2012
K.B. Elevation: 499.71 m
Surface Casing: 244.50 mm @ 151.00 m with 14.0 t
Intermediate Casing: Run
Status: Drilling Ahead (DR)
Drilling Ahead: 21-Feb-2012

Lic. No.: 8561 Tundra Virden HZNTL 9-12-9-25 (WPM)
UWI: 100.09-12-009-25W1.03 – Leg #3

Finished Drilling: 14-Feb-2012
Total Depth: 1740.00 m
Rig Released: 15-Feb-2012

UWI: 100.09-12-009-25W1.00 – Leg #1
UWI: 100.09-12-009-25W1.02 – Leg #2
UWI: 100.09-12-009-25W1.03 – Leg #3

Status: Waiting On Service Rig (WOSR)
Waiting On Service Rig: 15-Feb-2012

Lic. No.: 8563 Penn West Waskada Prov. HZNTL A16-32-1-25 (WPM)
UWI: 103.16-32-001-25W1.00

Status: Moving In Rotary Tools (MIRT)
Moving In Rotary Tools: 21-Feb-2012

Lic. No.: 8566 Penn West Waskada Prov. HZNTL 9-32-1-25 (WPM)
UWI: 105.09-32-001-25W1.00

Revision to Report of: 06-Feb-2012
Contractor: Champion Drilling – Rig# 45

Spud Date: 13-Feb-2012
K.B. Elevation: 475.49 m
Surface Casing: 219.10 mm @ 165.00 m with 9.0 t
Intermediate Casing: 139.70 mm @ 1677.00 m with 43.0 t
Finished Drilling: 18-Feb-2012
Total Depth: 1682.00 m
Rig Released: 20-Feb-2012
Status: Waiting On Service Rig (WOSR)
Waiting On Service Rig: 20-Feb-2012

Lic. No.: 8570 Fort Calgary East Manson Prov. DIR 3-32-13-28 (WPM)
UWI: 100.03-32-013-28W1.00

Status: Completing (COMP)
Completing: 21-Feb-2012

Lic. No.: 8571

Tundra Daly Sinclair HZNTL 8-27-7-29 (WPM)
 UWI: 102.08-27-007-29W1.00

Intermediate Casing: 139.70 mm @ 2511.78 m with 49.5 t
 Finished Drilling: 14-Feb-2012
 Total Depth: 2572.00 m
 Rig Released: 15-Feb-2012
 Status: Waiting On Service Rig (WOSR)
 Waiting On Service Rig: 15 Feb-2012

Lic. No.: 8572

Tundra Daly Sinclair HZNTL 12-16-10-29 (WPM)
 UWI: 100.12-16-010-29W1.00

Intermediate Casing: 139.70 mm @ 961.07 m with 13.6 t
 Finished Drilling: 14-Feb-2012
 Total Depth: 2401.00 m
 Rig Released: 15-Feb-2012
 Status: Waiting On Service Rig (WOSR)
 Waiting On Service Rig: 15-Feb-2012

Lic. No.: 8573

Tundra Daly Sinclair Prov. HZNTL 16-34-10-29 (WPM)
 UWI: 100.16-34-010-29W1.00

Revision to Report of: 06-Feb-2012
 Contractor: Crusader Drilling Corp. – Rig# 1

Spud Date: 21-Feb-2012
 K.B. Elevation: 531.84 m
 Status: Drilling Ahead (DR)
 Drilling Ahead: 21-Feb-2012

Lic. No.: 8576

ARC Waskada HZNTL 13-15-1-24 (WPM)
 UWI: 100.13-15-001-24W1.00

Spud Date: 17-Feb-2012
 K.B. Elevation: 519.92 m
 Surface Casing: 219.10 mm @ 170.00 m with 13.0 t
 Status: Drilling Ahead (DR)
 Drilling Ahead: 21-Feb-2012

Lic. No.: 8578

Tundra Daly Sinclair Prov. HZNTL 1-29-10-28 (WPM)
 UWI: 102.01-29-010-28W1.00

Revision to Report of: 06-Feb-2012
 Contractor: Trinidad Drilling Ltd. – Rig# 14

Spud Date: 15-Feb-2012
 K.B. Elevation: 518.88 m
 Surface Casing: 244.50 mm @ 139.00 m with 14.0 t
 Intermediate Casing: 139.70 mm @ 2337.00 m with 45.0 t
 Finished Drilling: 19-Feb-2012
 Total Depth: 2337.00 m
 Rig Released: 20-Feb-2012
 Status: Waiting On Service Rig (WOSR)
 Waiting On Service Rig: 20-Feb-2012

Lic. No.: 8580 Tundra East Manson Prov. HZNTL 12-14-13-28 (WPM)
 UWI: 100.10-14-013-28W1.00 – Stratigraphic Test Hole

Status: Abandoned Stratigraphic Test Hole (ABD STH)
 Abandoned Stratigraphic Test Hole: 11-Feb-2012

UWI: 100.12-14-013-28W1.02 – Horizontal Section

Kick-Off Date: 14-Feb-2012
 Kick-Off Point: 452.00 m
 Intermediate Casing: Run
 Finished Drilling: 15-Feb-2012
 Total Depth: 1696.00 m
 Rig Released: 15-Feb-2012
 Status: Completing (COMP)
 Completing: 19-Feb-2012

Lic. No.: 8583 Tundra Daly Sinclair HZNTL 12-33-8-29 (WPM)
 UWI: 102.12-33-008-29W1.00

Spud Date: 14-Feb-2012
 K.B. Elevation: 529.96
 Surface Casing: 244.50 mm @ 146.00 m with 13.0 t
 Intermediate Casing: 139.70 mm @ 2452.00 m with 47.2 t
 Finished Drilling: 20-Feb-2012
 Total Depth: 2452.00 m
 Rig Released: 21-Feb-2012
 Status: Waiting On Service Rig (WOSR)
 Waiting On Service Rig: 21-Feb-2012

Lic. No.: 8484 Magellan North Hargrave 3-34-12-27 (WPM)
 UWI: 100.03-34-012-27W1.00

Production Casing: Run
 Rig Released: 14-Feb-2012
 Status: Waiting On Service Rig (WOSR)
 Waiting On Service Rig: 14-Feb-2012

Lic. No.: 8585 ARC Waskada HZNTL B12-15-1-24 (WPM)
 UWI: 104.12-15-001-24W1.00

Revision to Report of: 13-Feb-2012
 Contractor: Big Sky Drilling/Ensign – Rig# 625

Spud Date: 18-Feb-2012
 K.B. Elevation: 523.20 m
 Surface Casing: 219.10 mm @ 168.75 m with 14.0 t
 Status: Drilling Ahead (DR)
 Drilling Ahead: 21-Feb-2012

Lic. No.: 8587 Tundra Daly Sinclair HZNTL 5-33-8-29 (WPM)
 UWI: 100.05-33-008-29W1.00

Status: Moving In Rotary Tools (MIRT)
 Moving In Rotary Tools: 21-Feb-2012

Lic. No.: 8588 Tundra Daly Sinclair Prov. HZNTL 12-30-10-28 (WPM)
UWI: 102.12-30-010-28W1.00

Spud Date: 15-Feb-2012
K.B. Elevation: 519.74 m
Surface Casing: 244.50 mm @ 140.00 m with 14.0 t
Finished Drilling: 19-Feb-2012
Total Depth: 2160.00 m
Status: Waiting On Orders (WOO)
Waiting On Orders: 21-Feb-2012

Lic. No.: 8589 Tundra Daly Sinclair HZNTL 13-18-9-27 (WPM)
UWI: 100.13-18-009-27W1.00

Intermediate Casing: 139.70 mm @ 2184.50 m with 44.0 t
Finished Drilling: 17-Feb-2012
Total Depth: 2185.00 m
Rig Released: 18-Feb-2012
Status: Waiting On Service Rig (WOSR)
Waiting On Service Rig: 18-Feb-2012

Lic. No.: 8590 Tundra Daly Sinclair HZNTL A5-30-10-28 (WPM)
UWI: 102.05-30-010-28W1.00

Spud Date: 15-Feb-2012
K.B. Elevation: 518.53
Surface Casing: 244.50 mm @ 139.00 m with 13.0 t
Intermediate Casing: 139.70 mm @ 2152.00 m with 42.5 t
Finished Drilling: 20-Feb-2012
Total Depth: 2152.00 m
Rig Released: 21-Feb-2012
Status: Waiting On Service Rig (WOSR)
Waiting On Service Rig: 21-Feb-2012

Lic. No.: 8591 Tundra Foxwarren DIR 12-31-18-27 (WPM)
UWI: 100.12-31-018-27W1.00

Spud Date: 16-Feb-2012
K.B. Elevation: 551.15 m
Surface Casing: 219.10 mm @ 143.5 m with 12.0 t
Finished Drilling: 19-Feb-2012
Total Depth: 685.00 m
Rig Released: 21-Feb-2012
Status: Abandoned Dry (ABD D)
Abandoned Dry: 21-Feb-2012

Lic. No.: 8592

Magellan North Hargrave SWD 3-34-12-27 (WPM)
 UWI: 102.03-34-012-27W1.00

License Issued: 14-Feb-2012
 Licensee: Magellan Resources Ltd.
 Mineral Rights: Freehold
 Contractor: Champion Drilling Ltd. – Rig# 41
 Surface Location: 03A-34-12-27
 Co-ords: 150.00m (N) of (S) boundary of Sec. 34
 515.00m (E) of (W) boundary of Sec. 34
 Grd Elev: 475.57 m
 Proj. TD: 694.00 m (Devonian)
 Area: North Hargrave
 Classification: DEVELOPMENT (CONFIDENTIAL)
 Spud Date: 18-Feb-2012
 K.B. Elevation: 479.51
 Surface Casing: 219.10 mm @ 153.00 m with 7.0 t
 Production Casing: Run
 Finished Drilling: 20-Feb-2012
 Total Depth: 698.00 m
 Rig Released: 21-Feb-2012
 Status: Waiting On Service Rig (WOSR)
 Waiting On Service Rig: 21-Feb-2012

Lic. No.: 8593

Fort Calgary East Manson Prov. HZNTL 13-19-13-28 (WPM)
 UWI: 100.12-20-013-28W1.00

License Issued: 16-Feb-2012
 Licensee: Fort Calgary Resources Ltd.
 Mineral Rights: Crown
 Contractor: Terroco Drilling Ltd. – Rig# 9
 Surface Location: 12C-20-13-28
 Co-ords: 403.66m (S) of (N) boundary of Sec. 20
 69.33m (E) of (W) boundary of Sec. 20
 Grd Elev: 493.24 m
 Proj. TD: 2184.3 m (Devonian)
 Area: East Manson
 Classification: DEVELOPMENT (NON CONFIDENTIAL)
 Status: Location (LOC)

Lic. No.: 8594

Penn West Waskada HZNTL 12-20-1-25 (WPM)
 UWI: 103.12-20-001-25W1.00

License Issued: 16-Feb-2012
 Licensee: Penn West Petroleum
 Mineral Rights: Freehold
 Contractor: To Be Determined
 Surface Location: 10C-20-01-25
 Co-ords: 593.46m (S) of (N) boundary of Sec. 20
 633.50m (W) of (E) boundary of Sec. 20
 Grd Elev: 470.05 m
 Proj. TD: 1646.0 m (Triassic)
 Field: Waskada
 Classification: DEVELOPMENT (NON CONFIDENTIAL)
 Status: Location (LOC)

Lic. No.: 8595

Waskada Unit No. 7 HZNTL 13-20-1-25 (WPM)
UWI: 104.13-20-001-25W1.00

License Issued: 16-Feb-2012
Licensee: Penn West Petroleum
Mineral Rights: Freehold
Contractor: To Be Determined
Surface Location: 10C-20-01-25
Co-ords: 593.46m (S) of (N) boundary of Sec. 20
648.50m (W) of (E) boundary of Sec. 20
Grd Elev: 470.15 m
Proj. TD: 1694.0 m (Triassic)
Field: Waskada
Classification: DEVELOPMENT (NON CONFIDENTIAL)
Status: Location (LOC)

Lic. No.: 8596

Magellan North Hargrave 2-27-12-27 (WPM)
UWI: 100.02-27-012-27W1.00

License Issued: 16-Feb-2012
Licensee: Magellan Resources Ltd.
Mineral Rights: Freehold
Contractor: Champion Drilling Ltd. – Rig# 41
Surface Location: 02-27-12-27
Co-ords: 120.00m (N) of (S) boundary of Sec. 27
685.00m (W) of (E) boundary of Sec. 27
Grd. Elev: 476.38 m
Proj. TD: 693.0 m (Devonian)
Area: North Hargrave
Classification: DEVELOPMENT (CONFIDENTIAL)
Status: Location (LOC)

Lic. No.: 8597

Tundra South Kirkella HZNTL 5-17-11-29 (WPM)
UWI: 100.05-17-011-29W1.00

License Issued: 16-Feb-2012
Licensee: Tundra Oil & Gas Partnership
Mineral Rights: Freehold
Contractor: CanElson Drilling Inc. – Rig# 28
Surface Location: 05C-16-11-29
Co-ords: 705.00m (N) of (S) boundary of Sec. 16
60.0m (E) of (W) boundary of Sec. 16
Grd. Elev: 532.77 m
Proj. TD: 2372.5 m (Mississippian)
Area: South Kirkella
Classification: DEVELOPMENT (NON CONFIDENTIAL)
Status: Location (LOC)

Lic. No.: 8598

Goodlands Unit No. 1 HZNTL 7-10-1-24 (WPM)
UWI: 104.07-10-001-24W1.00

License Issued: 16-Feb-2012
Licensee: ARC Resources Ltd.
Mineral Rights: Freehold
Contractor: To Be Determined
Surface Location: 02B-15-01-24
Co-ords: 160.0m (N) of (S) boundary of Sec. 15
700.0m (W) of (E) boundary of Sec. 15
Grd. Elev: 517.47 m
Proj. TD: 2008.0 m (Triassic)
Field:
Classification: DEVELOPMENT (NON CONFIDENTIAL)
Status: Location (LOC)

Lic. No.: 8599

Goodlands Unit No. 1 Prov. HZNTL 11-11-1-24 (WPM)
UWI: 103.11-11-001-24W1.00

License Issued: 16-Feb-2012
Licensee: ARC Resources Ltd.
Mineral Rights: Crown
Contractor: Quintera Drilling – Rig# 7
Surface Location: 03C-14-01-24
Co-ords: 300.0 m (N) of (S) boundary of Sec. 14
495.0 m (E) of (W) boundary of Sec. 14
Grd. Elev: 520.76 m
Proj. TD: 1845.0 m
Field:
Classification: DEVELOPMENT (NON CONFIDENTIAL)
Status: Location (LOC)

Lic. No.: 8600

Tundra Daly Sinclair Prov. HZNTL 16-36-7-29 (WPM)
UWI: 102.16-36-007-29W1.00

License Issued: 16-Feb-2012
Licensee: Tundra Oil & Gas Partnership
Mineral Rights: Crown
Contractor: Trinidad Drilling Ltd. – Rig# 9
Surface Location: 16A-35-07-29
Co-ords: 325.0m (S) of (N) boundary of Sec. 35
60.0m (W) of (E) boundary of Sec. 35
Grd. Elev: 508.48 m
Proj. TD: 2522.20 m (Mississippian)
Field: Daly Sinclair
Classification: DEVELOPMENT (NON CONFIDENTIAL)
Status: Location (LOC)

Lic. No.: 8601

ARC Waskada HZNTL 14-9-1-24 (WPM)
UWI: 102.14-09-001-24W1.00

License Issued: 16-Feb-2012
Licensee: ARC Resources Ltd.
Mineral Rights: Freehold
Contractor: Quintera Drilling – Rig# 7
Surface Location: 16A-08-01-24
Co-ords: 335.0m (S) of (N) boundary of Sec. 8
 90.0m (W) of (E) boundary of Sec.8
Grd. Elev: 496.88 m
Proj. TD: 1646.00 m (Triassic)
Field: Waskada
Classification: DEVELOPMENT (NON CONFIDENTIAL)
Status: Location (LOC)

Lic. No.: 8602

ARC Waskada HZNTL 14-9-1-24 (WPM)
UWI: 103.14-09-001-24W1.00

License Issued: 16-Feb-2012
Licensee: ARC Resources Ltd.
Mineral Rights: Freehold
Contractor: Quintera Drilling – Rig# 7
Surface Location: 16A-08-01-24
Co-ords: 365.0m (S) of (N) boundary of Sec. 8
 90.0m (W) of (E) boundary of Sec.8
Grd. Elev: 498.18 m
Proj. TD: 1646.00 m (Triassic)
Field: Waskada
Classification: DEVELOPMENT (NON CONFIDENTIAL)
Status: Location (LOC)

Lic. No.: 8603

ARC Waskada HZNTL 10-9-1-24 (WPM)
UWI: 102.10-09-001-24W1.00

License Issued: 17-Feb-2012
Licensee: ARC Resources Ltd.
Mineral Rights: Freehold
Contractor: Quintera Drilling – Rig# 7
Surface Location: 12B-10-01-24
Co-ords: 745.6m (S) of (N) boundary of Sec. 10
 90.0m (E) of (W) boundary of Sec. 10
Grd. Elev: 511.57 m
Proj. TD: 1669.00 m (Triassic)
Field: Waskada
Classification: DEVELOPMENT (NON CONFIDENTIAL)
Status: Location (LOC)

Lic. No.: 8604

Tundra Daly Sinclair HZNTL 4-30-9-28 (WPM)
 UWI: 100.04-30-009-28W1.00

License Issued: 17-Feb-2012
 Licensee: Tundra Oil & Gas Partnership
 Mineral Rights: Freehold
 Contractor: Trinidad Drilling Ltd. – Rig# 9
 Surface Location: 13C-30-09-28
 Co-ords: 60.0m (S) of (N) boundary of Sec. 30
 94.9m (E) of (W) boundary of Sec. 30
 Grd. Elev: 522.41 m
 Proj. TD: 2251.70 m (Mississippian)
 Field: Daly Sinclair
 Classification: DEVELOPMENT (NON CONFIDENTIAL)
 Status: License Cancelled (CAN)
 License Cancelled: 21-Feb-2012

Lic. No.: 8605

Tundra Daly Sinclair HZNTL 16-25-8-28 (WPM)
 UWI: 100.16-25-008-28W1.00

License Issued: 17-Feb-2012
 Licensee: Tundra Oil & Gas Partnership
 Mineral Rights: Freehold
 Contractor: Trinidad Drilling Ltd. – Rig# 9
 Surface Location: 16D-26-08-28
 Co-ords: 60.0m (S) of (N) boundary of Sec. 26
 60.0m (W) of (E) boundary of Sec. 26
 Grd. Elev: 457.12 m
 Proj. TD: 2383.10 m (Mississippian)
 Field: Daly Sinclair
 Classification: DEVELOPMENT (NON CONFIDENTIAL)
 Spud Date: 18-Feb-2012
 K.B. Elevation: 461.22 m
 Surface Casing: 244.50 m @ 137.00 m with 13.0 t
 Status: Drilling Ahead (DR)
 Drilling Ahead: 21-Feb-2012

Lic. No.: 8606

ARC Waskada HZNTL 12-9-1-24 (WPM)
 UWI: 102.12-09-001-24W1.00

License Issued: 17-Feb-2012
 Licensee: ARC Resources Ltd.
 Mineral Rights: Freehold
 Contractor: Quintera Drilling – Rig# 7
 Surface Location: 10C-09-01-24
 Co-ords: 580.0m (S) of (N) boundary of Sec. 9
 695.0m (W) of (E) boundary of Sec. 9
 Grd. Elev: 507.44 m
 Proj. TD: 1658.00 m (Triassic)
 Field: Waskada
 Classification: DEVELOPMENT (NON CONFIDENTIAL)
 Status: Location (LOC)

Lic. No.: 8607

Tundra Virden HZNTL 4-20-11-26 (WPM)
 UWI: 102.04-20-011-26W1.00

License Issued: 17-Feb-2012
 Licensee: Tundra Oil & Gas Partnership
 Mineral Rights: Freehold
 Contractor: Trinidad Drilling Ltd. – Rig# 14
 Surface Location: 12C-20-11-26
 Co-ords: 535.0m (S) of (N) boundary of Sec. 20
 160.0m (E) of (W) boundary of Sec. 20
 Grd. Elev: 463.94 m
 Proj. TD: 1496.30 m (Mississippian)
 Field: Virden
 Classification: DEVELOPMENT (NON CONFIDENTIAL)
 Status: Moving In Rotary Tools (MIRT)
 Moving In Rotary Tools: 21-Feb-2012

Lic. No.: 8608

Tundra Gambler 9-13-18-29 (WPM)
 UWI: 100.09-13-018-29W1.00

License Issued: 17-Feb-2012
 Licensee: Tundra Oil & Gas Partnership
 Mineral Rights: Freehold
 Contractor: Trinidad Drilling Ltd. – Rig# 10
 Surface Location: 09-13-18-29
 Co-ords: 672.97m (S) of (N) boundary of Sec. 13
 118.74m (W) of (E) boundary of Sec. 13
 Grd. Elev: 491.41 m
 Proj. TD: 557.4 m (Devonian)
 Area: Gambler
 Classification: EXPLORATORY (NEW FIELD WILDCAT)
 Status: Location (LOC)

Lic. No.: 8609

EOG Waskada HZNTL 1-16-1-25
 UWI: 105.01-16-001-25W1.00

License Issued: 17-Feb-2012
 Licensee: EOG Resources Canada Inc.
 Mineral Rights: Freehold
 Contractor: Precision Drilling – Rig# 195
 Surface Location: 03D-16-01-25
 Co-ords: 244.12m (N) of (S) boundary of Sec. 16
 665.07m (E) of (W) boundary of Sec. 16
 Grd. Elev: 468.44 m
 Proj. TD: 1645.00 m (Triassic)
 Field: Waskada
 Classification: DEVELOPMENT (NON CONFIDENTIAL)
 Status: Location (LOC)

Lic. No.: 8610

Tundra Foxwarren 12-19-18-27 (WPM)
UWI: 100.12-19-018-27W1.00

License Issued: 17-Feb-2012
Licensee: Tundra Oil & Gas Partnership
Mineral Rights: Freehold
Contractor: Trinidad Drilling Ltd. – Rig# 10
Surface Location: 12-19-18-27
Co-ords: 424.54m (S) of (N) boundary of Sec. 19
288.32 (E) of (W) boundary of Sec. 19
Grd. Elev: 539.82 m
Proj. TD: 602.80 m (Devonian)
Area: Foxwarren
Classification: EXPLORATORY (NEW FIELD WILDCAT)
Status: Moving In Rotary Tools (MIRT)
Moving In Rotary Tools: 21-Feb-2012

Lic. No.: 8611

EOG Waskada HZNTL 2-21-2-25 (WPM)
UWI: 100.02-21-002-25W1.00

License Issued: 17-Feb-2012
Licensee: EOG Resources Canada Inc.
Mineral Rights: Freehold
Contractor: Precision Drilling – Rig# 195
Surface Location: 13C-15-02-25
Co-ords: 60.0m (S) of (N) boundary of Sec. 15
60.0 (E) of (W) boundary of Sec. 15
Grd. Elev: 472.94 m
Proj. TD: 1645.00 m (Triassic)
Field: Waskada
Classification: DEVELOPMENT (NON CONFIDENTIAL)
Status: Location (LOC)

WELL NAME CHANGES

Lic. No. 7721

From: Virden Roselea Unit No. 1 Prov. HZNTL 10-29-10-25 (WPM)
To: Enerplus Virden Prov. A9-30-10-25 (WPM)